UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA ST., N.W., SUITE 3100
ATLANTA, GEORGIA 30303

JAN 30 1981

Report No. 50-338/80-40

Licensee: Virginia Electric and Power Company
Richmond, VA 23261

Facility: North Anna 1

Docket No. 50-338

License No. NPF-4

Inspection at Westinghouse, Nuclear Service Division, Monroeville, PA

Inspector: C R Herdt 1/20/81
J. N. Economos Date Signed

Approved by: C R Herdt 1/20/81
A. R. Herdt, Section Chief, RC&ES Branch Date Signed

SUMMARY

Inspection on December 3-5, 1980

This routine, announced inspection involved 20 inspector-hours onsite in the areas of inservice inspection (ISI) program review, quality assurance plans and procedure review.

Results

Of the two areas inspected, no violations were identified.

DETAILS

1. Persons Contacted

Licensee Employees

*H. L. Travis, NDE Supervisor

Other licensee employees contacted included construction craftsmen, technicians, operators, mechanic, security force members, and office personnel.

Other Organizations

Westinghouse Nuclear Services Division (NSD)

*D. C. Spencer, Assistant to General Manager
*F. W. Hemming, Product Assurance Manager
*B. E. Scanga, Product Assurance Systems Manager

*Attended exit interview

2. The inspection scope and findings were summarized on December 5, 1980 with those persons indicated in Paragraph 1 above.

3. Licensee Action on Previous Inspection Findings

Not inspected.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Inservice Inspection - Program Review

The inspector accompanied the licensee's representative to NSD Headquarters, Monroeville, Pa., in order to review the W Quality Assurance Program Plan, (QAPP) Operating Procedures Manual (OPR), Product Assurance Manual (PA) the North Anna Unit 1, ISI program plan for the upcoming outage and to review the remote control tool calibration records. The above mentioned documents were reviewed in the areas of: QA program requirements including organizational structure, audit requirements, general QA requirements (examination reports, control of deviations from established program, quality documentation and identification of components), work and quality inspection procedures, control of processes, corrective action, document control, control of examinations and examination equipment, quality records, inspection scope, inspection intervals, personnel qualification, and NDE records including provisions for storage.

The documents reviewed included:

a. Westinghouse, Nuclear Services Division Quality Assurance Program Plan WCAT 9245, Revision 5.

b. OPS-MSD-101 Revision 5 Preservice and Inservice Inspection Documentation.

c. OPR 205-3, Revision 1, Inspection Verification

d. OPR 210-4, Revision 0, Control of Nonconformances of NSD Items and Services.

e. OPR 210-5, Revision 0 Corrective Action Status Reporting

f. OPR 220-1, Revision 0 NDS Internal Audit Program

g. OPR 230-2, Revision 2 Personnel Qualification for Nondestructive Examination.

h. OPR 610-1, Revision 2, Preparation of Procedures for Field Services.

i. OPR 610-3, Revision 1, Control of Field Services Activities.

j. PA 10.1 Revision 1 Training, Qualification and Certification of Personnel in Nondestructive Examination.

k. 6.1 Revision 2 Isometric Sketch Preparation and Control

l. 6.2 Revision 2 Control of On-Site Inspection Activities

m. 6.3 Revision 0 Control of On-Site Inspection Activities for Balance of Plant ISI Programs.

n. OP9.2 Revision 1 Qualification of Visual Inspection Personnel

o. RV-ISI-01 Revision 0 Reactor Vessel Inspection Program Preparation and Docum ntation

p. RV-ISI-02 Revision 0 Remotely Operated Reactor Vessel Inspection Tool RUnning Procedure Peroperation.

q. ISI-10 Revision 4 Preservice and Inservice Examination Manual Ultrasonic Equipment Qualification

Within those areas, the inspector noted that the Division Operating Procedures, used to govern NSD quality-related activities, address field activities in broad terms which in certain instances are more applicable to construction activities rather than ISI and/or post operation plant modifications/repairs controlled by Section XI and addressed in WCAP9245. The inspector discussed this matter in detail

with W NSD cognizant personnel and management who agreed to review the procedures and determine the steps that should be taken to improve the situation. In addition, NSD management agreed to provide ISI coordinators with controlled copies of NSD Operating Manuals and WCAP9245 in order to facilitate review by NRC at the plants as required.

With the areas inspected, no violations were identified.

6. Refueling Outage II-III Inservice Inspection Plan Review

The applicable code for ISI is the ASME Boiler and Pressure Vessel Code, Section XI, 1974 Edition, with Addenda through the Summer of 1975.

Items scheduled for inspection/examination during this outage include selected portions of the reactor vessel to flange weld, loop 1 and 2 outlet nozzle welds, ligaments and other welds in piping and components in the Class 2 and 3 category. A list of the designated welds is contained in the manual entitled: Inspection Program Plan for NA-1 Refueling Outage II-III, 2nd Outage/1st Period/1st interval 1980. (manual) At the time of this inspection, the manual had not yet been approved by W or VEPCO. Welds designated of ISI were checked for code compliance with respect to type of examination, location and coverage e.g. nozzle to shell and vessel to flange. In addition, the inspector reviewed calibration records for ISI remotely control tool #1; personnel qualification, equipment/instruments including calibration block certifications. Within these areas, the inspector noted that the expiration dates for eye examinations for three technicians and the Telestronix time mark generator 5/NTF501 were approximately one month away. The licensee and W NSN stated to have the eye examinations and the calibration in order before the crew/equipment departs for NA-1. Within these areas inspected, no violations were identified.